

APPENDIX C.2

CUWCC Report for 2001

Appendix C.2

Reported as of 5/21

Water Supply & Reuse

Reporting Unit:

Year:

2001

Water Supply Source Information

Supply Source Name	Quantity (AF) Supplied	Supply Type
--------------------	------------------------	-------------

Total AF:

Reported as of 5/2/

Accounts & Water Use

Reporting Unit Name:
**City of Riverside, Public
 Utilities**

Submitted to
**CUWCC
 12/16/2002**

Year:
2001

A. Service Area Population Information:

1. Total service area population 262335

B. Number of Accounts and Water Deliveries (AF)

Type	Metered		Unmetered	
	No. of Accounts	Water Deliveries (AF)	No. of Accounts	Water Deliveries (AF)
1. Single-Family	54200	402.17	0	0
2. Multi-Family	0	0	0	0
3. Commercial	4365	219.8	0	0
4. Industrial	0	0	0	0
5. Institutional	341	.008	0	0
6. Dedicated Irrigation	0	0	0	0
7. Recycled Water	0	0	0	0
8. Other	0	0	0	0
9. Unaccounted	NA	0	NA	0
Total	58906	621.978	0	0
	Metered		Unmetered	

Reported as of 5/2/

BMP 01: Water Survey Programs for Single-Family and Multi-Family Residential Customers

Reporting Unit:
**City of Riverside, Public
 Utilities**

BMP Form
 Status:
100% Complete

Year:
2001

A. Implementation

1. Based on your signed MOU date, 12/19/1991, your Agency STRATEGY DUE DATE is: 12/18/1993
2. Has your agency developed and implemented a targeting/ marketing strategy for SINGLE-FAMILY residential water use surveys? yes
 - a. If YES, when was it implemented? 7/1/1989
3. Has your agency developed and implemented a targeting/ marketing strategy for MULTI-FAMILY residential water use surveys? yes
 - a. If YES, when was it implemented? 7/1/1989

B. Water Survey Data

Survey Counts:	Single Family Accounts	Multi- Family Units
1. Number of surveys offered:	17500	1400
2. Number of surveys completed:	17500	1400

Indoor Survey:

- | | | |
|---|-----|-----|
| 3. Check for leaks, including toilets, faucets and meter checks | yes | yes |
| 4. Check showerhead flow rates, aerator flow rates, and offer to replace or recommend replacement, if necessary | yes | yes |
| 5. Check toilet flow rates and offer to install or recommend installation of displacement device or direct customer to ULFT replacement program, as necessary; replace leaking toilet flapper, as necessary | yes | yes |

Outdoor Survey:

- | | | |
|---|-----|-----|
| 6. Check irrigation system and timers | yes | yes |
| 7. Review or develop customer irrigation schedule | yes | yes |
| 8. Measure landscaped area (Recommended but not required for surveys) | yes | yes |

9. Measure total irrigable area (Recommended but not required for surveys)	yes	yes
10. Which measurement method is typically used (Recommended but not required for surveys)		Pacing
11. Were customers provided with information packets that included evaluation results and water savings recommendations?	yes	yes
12. Have the number of surveys offered and completed, survey results, and survey costs been tracked?	yes	yes
a. If yes, in what form are surveys tracked?		manual activity
b. Describe how your agency tracks this information.		
		Database / manual tracking

C. Water Survey Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	25000	25000
2. Actual Expenditures	25000	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No
a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."	

E. Comments

Reported as of 5/2/

BMP 02: Residential Plumbing Retrofit

Reporting Unit:

**City of Riverside, Public
Utilities**BMP Form Status:
100% CompleteYear:
2001**A. Implementation**

1. Is there an enforceable ordinance in effect in your service area requiring replacement of high-flow showerheads and other water use fixtures with their low-flow counterparts? no

a. If YES, list local jurisdictions in your service area and code or ordinance in each:

2. Has your agency satisfied the 75% saturation requirement for single-family housing units? yes

3. Estimated percent of single-family households with low-flow showerheads: 81%

4. Has your agency satisfied the 75% saturation requirement for multi-family housing units? yes

5. Estimated percent of multi-family households with low-flow showerheads: 82%

6. If YES to 2 OR 4 above, please describe how saturation was determined, including the dates and results of any survey research.

Direct installation program results tallied to previous years total.

B. Low-Flow Device Distribution Information

1. Has your agency developed a targeting/ marketing strategy for distributing low-flow devices? no

a. If YES, when did your agency begin implementing this strategy?

b. Describe your targeting/ marketing strategy.

Low-Flow Devices Distributed/ Installed	SF Accounts	MF Units
2. Number of low-flow showerheads distributed:	24500	2200
3. Number of toilet-displacement devices distributed:	225	123
4. Number of toilet flappers distributed:	0	0
5. Number of faucet aerators	0	0

distributed:

6. Does your agency track the distribution and cost of low-flow devices? yes

a. If YES, in what format are low-flow devices tracked? Database

b. If yes, describe your tracking and distribution system :

Input in database

C. Low-Flow Device Distribution Expenditures

	This Year	Next Year
1. Budgeted Expenditures	25000	25000
2. Actual Expenditures	27719	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Reported as of 5/2/

BMP 03: System Water Audits, Leak Detection and Repair

Reporting Unit:

City of Riverside, Public Utilities

BMP Form Status:
100% Complete

Year:
2001

A. Implementation

1. Has your agency completed a pre-screening system audit for this reporting year? no
2. If YES, enter the values (AF/Year) used to calculate verifiable use as a percent of total production:
 - a. Determine metered sales (AF) 74647
 - b. Determine other system verifiable uses (AF) 498
 - c. Determine total supply into the system (AF) 75145
 - d. Using the numbers above, if (Metered Sales + Other Verifiable Uses) / Total Supply is < 0.9 then a full-scale system audit is required. 1.00
3. Does your agency keep necessary data on file to verify the values used to calculate verifiable uses as a percent of total production? yes
4. Did your agency complete a full-scale audit during this report year? no
5. Does your agency maintain in-house records of audit results or the completed AWWA audit worksheets for the completed audit? no
6. Does your agency operate a system leak detection program? no
 - a. If yes, describe the leak detection program:

B. Survey Data

1. Total number of miles of distribution system line. 902
2. Number of miles of distribution system line surveyed. 0

C. System Audit / Leak Detection Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as No

effective as" variant of this BMP?

- a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Reported as of 5/2/

BMP 04: Metering with Commodity Rates for all New Connections and Retrofit of Existing

Reporting Unit:

City of Riverside, Public UtilitiesBMP Form Status:
100% CompleteYear:
2001

A. Implementation

1. Does your agency require meters for all new connections and bill by volume-of-use? yes
2. Does your agency have a program for retrofitting existing unmetered connections and bill by volume-of-use? no
 - a. If YES, when was the plan to retrofit and bill by volume-of-use existing unmetered connections completed?
 - b. Describe the program:
3. Number of previously unmetered accounts fitted with meters during report year. 0

B. Feasibility Study

1. Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? no
 - a. If YES, when was the feasibility study conducted? (mm/dd/yy)
 - b. Describe the feasibility study:
2. Number of CII accounts with mixed-use meters. 4356
3. Number of CII accounts with mixed-use meters retrofitted with dedicated irrigation meters during reporting period. 0

C. Meter Retrofit Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

D. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

E. Comments

Reported as of 5/2/

BMP 05: Large Landscape Conservation Programs and Incentives

Reporting Unit:

**City of Riverside,
Public Utilities**

BMP Form Status:

100% Complete

Year:

2001

A. Water Use Budgets

- | | |
|--|-----|
| 1. Number of Dedicated Irrigation Meter Accounts: | 358 |
| 2. Number of Dedicated Irrigation Meter Accounts with Water Budgets: | 0 |
| 3. Budgeted Use for Irrigation Meter Accounts with Water Budgets (AF): | 0 |
| 4. Actual Use for Irrigation Meter Accounts with Water Budgets (AF): | 0 |
| 5. Does your agency provide water use notices to accounts with budgets each billing cycle? | no |

B. Landscape Surveys

- | | |
|--|----------|
| 1. Has your agency developed a marketing / targeting strategy for landscape surveys? | yes |
| a. If YES, when did your agency begin implementing this strategy? | 7/1/1992 |
| b. Description of marketing / targeting strategy: | |
| Contracted with RCRCDD to perform surveys and audits for large landscapes. | |
| 2. Number of Surveys Offered. | 182 |
| 3. Number of Surveys Completed. | 182 |
| 4. Indicate which of the following Landscape Elements are part of your survey: | |
| a. Irrigation System Check | yes |
| b. Distribution Uniformity Analysis | yes |
| c. Review / Develop Irrigation Schedules | yes |
| d. Measure Landscape Area | yes |
| e. Measure Total Irrigable Area | yes |
| f. Provide Customer Report / Information | yes |
| 5. Do you track survey offers and results? | yes |
| 6. Does your agency provide follow-up surveys for previously completed surveys? | no |
| a. If YES, describe below: | |

C. Other BMP 5 Actions

1. An agency can provide mixed-use accounts with ETo-based landscape budgets in lieu of a large landscape survey program. no

Does your agency provide mixed-use accounts with landscape budgets?

2. Number of CII mixed-use accounts with landscape budgets. 0

3. Do you offer landscape irrigation training? yes

4. Does your agency offer financial incentives to improve landscape water use efficiency? no

Type of Financial Incentive:	Budget (Dollars/Year)	Number Awarded to Customers	Total Amount Awarded
a. Rebates	0	0	0
b. Loans	0	0	0
c. Grants	0	0	0

5. Do you provide landscape water use efficiency information to new customers and customers changing services? yes

a. If YES, describe below:

Upon customer request - Information provided by water staff.

6. Do you have irrigated landscaping at your facilities? yes

a. If yes, is it water-efficient? yes

b. If yes, does it have dedicated irrigation metering? yes

7. Do you provide customer notices at the start of the irrigation season? no

8. Do you provide customer notices at the end of the irrigation season? no

D. Landscape Conservation Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	12500	12500
2. Actual Expenditures	12500	

E. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

F. Comments

Reported as of 5/21

BMP 06: High-Efficiency Washing Machine Rebate Programs

Reporting Unit:

City of Riverside, Public Utilities

BMP Form Status:

100% Complete

Year:

2001

A. Implementation

1. Do any energy service providers or waste water utilities in your service area offer rebates for high-efficiency washers? yes

a. If YES, describe the offerings and incentives as well as who the energy/waste water utility provider is.

Through the Energy Star rebate program, \$100 rebates are given on Energy Star rated washing machines.

2. Does your agency offer rebates for high-efficiency washers? yes

3. What is the level of the rebate? 100

4. Number of rebates awarded. 302

B. Rebate Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	50000	50000
2. Actual Expenditures	30200	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The budget for this program was included in the Energy Star rebate program.

Reported as of 5/2/

BMP 07: Public Information Programs

Reporting Unit:

**City of Riverside, Public
Utilities**

BMP Form Status:

100% Complete

Year:

2001**A. Implementation**

1. Does your agency maintain an active public information program to promote and educate customers about water conservation? yes

a. If YES, describe the program and how it's organized.

Water conservation materials are distributed at events, schools and to the customer upon request.

2. Indicate which and how many of the following activities are included in your public information program.

Public Information Program Activity	Yes/No	Number of Events
a. Paid Advertising	yes	2
b. Public Service Announcement	no	
c. Bill Inserts / Newsletters / Brochures	yes	3
d. Bill showing water usage in comparison to previous year's usage	yes	
e. Demonstration Gardens	yes	1
f. Special Events, Media Events	yes	3
g. Speaker's Bureau	yes	2
h. Program to coordinate with other government agencies, industry and public interest groups and media	yes	

B. Conservation Information Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	175000	175000
2. Actual Expenditures	175000	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

The budget encompasses electric and water water conservation advertising.

Reported as of 5/2/

BMP 08: School Education Programs

Reporting Unit:

**City of Riverside, Public
Utilities**

BMP Form Status:

100% Complete

Year:

2001**A. Implementation**

1. Has your agency implemented a school information program to promote water conservation? yes

2. Please provide information on your school programs (by grade level):

Grade	Are grade-appropriate materials distributed?	No. of class presentations	No. of students reached	No. of teachers' workshops
Grades K-3rd	yes	3	5000	1
Grades 4th-6th	yes	3	5000	1
Grades 7th-8th	yes	3	5000	1
High School	yes	3	5000	1

3. Did your Agency's materials meet state education framework requirements? yes

4. When did your Agency begin implementing this program? 7/1/1989

B. School Education Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	100000	100000
2. Actual Expenditures	89000	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 5/2/

BMP 09: Conservation Programs for CII Accounts

Reporting Unit:

**City of Riverside,
Public Utilities**

BMP Form Status:

100% Complete

Year:

2001

A. Implementation

- | | |
|--|-----|
| 1. Has your agency identified and ranked COMMERCIAL customers according to use? | yes |
| 2. Has your agency identified and ranked INDUSTRIAL customers according to use? | yes |
| 3. Has your agency identified and ranked INSTITUTIONAL customers according to use? | yes |

Option A: CII Water Use Survey and Customer Incentives Program

- | | |
|---|-----|
| 4. Is your agency operating a CII water use survey and customer incentives program for the purpose of complying with BMP 9 under this option? | yes |
|---|-----|

CII Surveys	Commercial Accounts	Industrial Accounts	Institutional Accounts
a. Number of New Surveys Offered	4183	366	88
b. Number of New Surveys Completed	0	0	0
c. Number of Site Follow-ups of Previous Surveys (within 1 yr)	0	0	0
d. Number of Phone Follow-ups of Previous Surveys (within 1 yr)	0	0	0
CII Survey Components	Commercial Accounts	Industrial Accounts	Institutional Accounts
e. Site Visit	yes	no	yes
f. Evaluation of all water-using apparatus and processes	no	no	no
g. Customer report identifying	no	no	no

recommended
efficiency measures,
paybacks and
agency incentives

Agency CII Customer Incentives	Budget (\$/Year)	No. Awarded to Customers	Total \$ Amount Awarded
h. Rebates	0	0	0
i. Loans	0	0	0
j. Grants	0	0	0
k. Others	0	0	0

Option B: CII Conservation Program Targets

5. Does your agency track CII program interventions and water savings for the purpose of complying with BMP 9 under this option?	yes
6. Does your agency document and maintain records on how savings were realized and the method of calculation for estimated savings?	yes
7. Estimated annual savings (AF/yr) from site-verified actions taken by agency since 1991.	675.3
8. Estimated annual savings (AF/yr) from non-site-verified actions taken by agency since 1991.	0

B. Conservation Program Expenditures for CII Accounts

	This Year	Next Year
1. Budgeted Expenditures	12500	12500
2. Actual Expenditures	12500	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? No
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 5/21

BMP 09a: CII ULFT Water Savings

Reporting Unit:

**City of Riverside, Public
Utilities**BMP Form Status:
100% CompleteYear:
2001

1. Did your agency implement a CII ULFT replacement program in the reporting year? No
 If No, please explain why on Line B.10.

A. Targeting and Marketing

1. What basis does your agency use to target customers for participation in this program? Check all that apply. Potential savings

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

na

2. How does your agency advertise this program? Other print media
 Check all that apply.

a. Describe which method you found to be the most effective overall, and which was the most effective per dollar expended.

na

B. Implementation

1. Does your agency keep and maintain customer participant information? (Read the Help information for a complete list of all the information for this BMP.) no
2. Would your agency be willing to share this information if the CUWCC did a study to evaluate the program on behalf of your agency? No
3. What is the total number of customer accounts participating in the program during the last year ?

**CII
Subsector**

Number of Toilets Replaced

4. **Standard Air Valve Floor Valve Wall**

	Gravity Tank	Assisted	Mount	Mount
a. Offices	0	0	0	0
b. Retail / Wholesale	0	0	0	0
c. Hotels	0	0	0	0
d. Health	0	0	0	0
e. Industrial	0	0	0	0
f. Schools: K to 12	0	0	0	0
g. Eating	0	0	0	0
h. Govern- ment	0	0	0	0
i. Churches	0	0	0	0
j. Other	0	0	0	0

5. Program
design.

6. Does your agency use outside services to
implement this program? No

a. If yes, check all that
apply.

7. Participant tracking and
follow-up. No follow-up

8. Based on your program experience, please rank on a scale of 1
to 5, with 1 being the least frequent cause and 5 being the most
frequent cause, the following reasons why customers refused to
participate in the program.

a. Disruption to business	1
b. Inadequate payback	1
c. Inadequate ULFT performance	1
d. Lack of funding	5
e. American's with Disabilities Act	1
f. Permitting	1
g. Other. Please describe in B. 9.	1

9. Please describe general program acceptance/resistance by
customers, obstacles to implementation, and other issues affecting
program implementation or effectiveness.

na

10. Please provide a general assessment of the program for this
reporting year. Did your program achieve its objectives? Were

your targeting and marketing approaches effective? Were program costs in line with expectations and budgeting?

na

C. Conservation Program Expenditures for CII ULFT

1. CII ULFT Program: Annual Budget & Expenditure Data

	Budgeted	Actual Expenditure
a. Labor	0	0
b. Materials	0	0
c. Marketing & Advertising	0	0
d. Administration & Overhead	0	0
e. Outside Services	0	0
f. Total	0	0

2. CII ULFT Program: Annual Cost Sharing

a. Wholesale agency contribution	0
b. State agency contribution	0
c. Federal agency contribution	0
d. Other contribution	0
e. Total	0

D. Comments

Due to lack of funding, RPU was unable to implement a program this FY.

Reported as of 5/2/

BMP 11: Conservation Pricing

Reporting Unit:

City of Riverside, Public Utilities

BMP Form

Status:

100%

Year:

2001**Complete****A. Implementation****Rate Structure Data Volumetric Rates for Water Service by Customer Class****1. Residential**

a. Water Rate Structure	Increasing Block Seasonal
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$17517449
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

2. Commercial

a. Water Rate Structure	Increasing Block Seasonal
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$9577374
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

3. Industrial

a. Water Rate Structure	Increasing Block Seasonal
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$9577374
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

4. Institutional / Government

a. Water Rate Structure	Increasing Block Seasonal
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$949425
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

5. Irrigation

a. Water Rate Structure	Increasing Block Seasonal
b. Sewer Rate Structure	Uniform
c. Total Revenue from Volumetric Rates	\$949425
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

6. Other

a. Water Rate Structure	Service Not Provided
b. Sewer Rate Structure	Service Not Provided
c. Total Revenue from Volumetric Rates	\$0
d. Total Revenue from Non-Volumetric Charges, Fees and other Revenue Sources	\$0

B. Conservation Pricing Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	0	0
2. Actual Expenditures	0	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP?	No
---	----

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 5/2/

BMP 12: Conservation Coordinator

Reporting Unit:

**City of Riverside, Public
Utilities**BMP Form Status:
100% CompleteYear:
2001**A. Implementation**

1. Does your Agency have a conservation coordinator? yes
2. Is this a full-time position? no
3. If no, is the coordinator supplied by another agency with which you cooperate in a regional conservation program ? no
4. Partner agency's name:
5. If your agency supplies the conservation coordinator:
 - a. What percent is this conservation coordinator's position? 5%
 - b. Coordinator's Name Michele Kovach
 - c. Coordinator's Title Programs & Services Representative
 - d. Coordinator's Experience and Number of Years 12
 - e. Date Coordinator's position was created (mm/dd/yyyy) 10/31/1995
6. Number of conservation staff, including Conservation Coordinator. 2

B. Conservation Staff Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	25000	25000
2. Actual Expenditures	25000	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no
 - a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments

Reported as of 5/23/

BMP 13: Water Waste Prohibition

Reporting Unit:

**City of Riverside, Public
Utilities**BMP Form Status: **Year:**
100% Complete 2001**A. Requirements for Documenting BMP Implementation**

1. Is a water waste prohibition ordinance in effect in your service area? yes

a. If YES, describe the ordinance:

Copy of ordinance is on file with CUWCC

2. Is a copy of the most current ordinance(s) on file with CUWCC? yes

a. List local jurisdictions in your service area in the first text box and water waste ordinance citations in each jurisdiction in the second text box:

See ordinance

See ordinance

B. Implementation

1. Indicate which of the water uses listed below are prohibited by your agency or service area.

a. Gutter flooding yes

b. Single-pass cooling systems for new connections yes

c. Non-recirculating systems in all new conveyor or car wash systems no

d. Non-recirculating systems in all new commercial laundry systems no

e. Non-recirculating systems in all new decorative fountains yes

f. Other, please name no

2. Describe measures that prohibit water uses listed above:

See ordinance

Water Softeners:

3. Indicate which of the following measures your agency has supported in developing state law:

a. Allow the sale of more efficient, demand-initiated regenerating DIR models. yes

b. Develop minimum appliance efficiency standards that:

i.) Increase the regeneration efficiency

- | | |
|--|-----|
| standard to at least 3,350 grains of hardness removed per pound of common salt used. | yes |
| ii.) Implement an identified maximum number of gallons discharged per gallon of soft water produced. | yes |
| c. Allow local agencies, including municipalities and special districts, to set more stringent standards and/or to ban on-site regeneration of water softeners if it is demonstrated and found by the agency governing board that there is an adverse effect on the reclaimed water or groundwater supply. | yes |
| 4. Does your agency include water softener checks in home water audit programs? | no |
| 5. Does your agency include information about DIR and exchange-type water softeners in educational efforts to encourage replacement of less efficient timer models? | yes |

C. Water Waste Prohibition Program Expenditures

	This Year	Next Year
1. Budgeted Expenditures	187500	187500
2. Actual Expenditures	187500	

D. "At Least As Effective As"

- | | |
|--|----|
| 1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? | no |
| a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as." | |

E. Comments

Reported as of 5/2/

BMP 14: Residential ULFT Replacement Programs

Reporting Unit:

City of Riverside, Public Utilities

BMP Form Status:

100% Complete

Year:

2001

A. Implementation

	Single-Family Accounts	Multi-Family Units
1. Does your Agency have program(s) for replacing high-water-using toilets with ultra-low flush toilets?	yes	yes

Number of Toilets Replaced by Agency Program During Report Year

Replacement Method	SF Accounts	MF Units
2. Rebate	351	0
3. Direct Install	0	0
4. CBO Distribution	0	0
5. Other	0	0
Total	351	0

6. Describe your agency's ULFT program for single-family residences.

Rebate program for customers.

7. Describe your agency's ULFT program for multi-family residences.

Rebate program included with single family.

8. Is a toilet retrofit on resale ordinance in effect for your service area? no

9. List local jurisdictions in your service area in the left box and ordinance citations in each jurisdiction in the right box:

NA

NA

B. Residential ULFT Program Expenditures

This Year	Next Year
-----------	-----------

1. Budgeted Expenditures	150000	15000
2. Actual Expenditures	50000	

C. "At Least As Effective As"

1. Is your AGENCY implementing an "at least as effective as" variant of this BMP? no

a. If YES, please explain in detail how your implementation of this BMP differs from Exhibit 1 and why you consider it to be "at least as effective as."

D. Comments